

MAIL ROOM
JAN
13
1995

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Form PTO-1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY/REP/PATENT NO. 92-1300D	SERIAL NO. 08/242,113.
Information Disclosure Statement by Applicant <i>(Use several sheets if necessary)</i> (37 cfr 1.98(b))		APPLICANT JOHN SIEMON ET AL			
		FILING DATE 5/13/94	GROUP 3202		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	4,636,918	1/13/87	Jodoin			
	4,643,509	2/17/87	Hollyday et al			
	4,657,323	4/14/87	Erbe			
	4,668,041	5/26/87	Lakomski et al			
	4,676,576	6/30/87	Feldberg et al			
	4,678,251	7/7/87	Willard			
	4,682,129	7/21/87	Bakermans et al			
	4,690,479	9/1/87	Hollyday et al			
	4,695,115	9/22/87	Talend			
	4,726,776	2/23/88	Billman et al			
M	4,726,790	2/23/88	Hadjis			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	1449 209	9/15/76	UK				
	69-39619	8/20/71	France				
	2,060,266A	4/29/81	UK				
	0-278-485	10/2/68	Europe				
M	1 382 013	1/29/75	UK				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc. **)

		IBM TO MARKET AT&T CABLING SYSTEM - Roberta Paul and Roni DeCesare, September 30, Phoenix, AZ
		AT&T News Release - Roni C. DeCesare and Wilma Mathews End-to-End Category 5 Connectivity for Data Networking Applications Available Now From AT&T
		AT&T SYSTIMAX Structured Cabling Systems
		Northern Telecom - The Plus Product Line
		Northern Telecom - BIX Patch Panel Plus
		Northern Telecom - BIX IDC Plus

EXAMINER *M. Abrams* DATE CONSIDERED *3-14-95*

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(Form PTO-1449 (6-4))

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** "The place or publication refers to the name of the journal, magazine or other publication in which the article was published...." Notice of January 9, 1992, 1135 O.G. 13 to 25, at 20.

*Foreign pats and publications on page 1-13
all cited in PTO-1449 received 4-4-95.*

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(37 CFR 1.98(b))				FILING DATE 5/13/94	GROUP 3202		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Wt		4,781,624	11/1/88	Shepherd			
		4,791,391	12/13/88	Linnell et al			
		4,815,127	3/21/89	Sato et al			
		4,820,192	4/11/89	Denkmann et al			
		4,824,383	4/25/89	Lemke			
		4,853,659	8/1/89	Kling			
		4,865,564	9/12/89	Denkmann et al			
		4,869,682	9/26/89	Volk et al			
		4,871,316	10/31/89	Herrell et al			
		4,875,205	10/17/89	Hugng			
Wt		4,875,875	10/24/89	Archer et al			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc. **)							
			Northern Telecom - BIX Rack Mounted Panel Plus				
			Northern Telecom - BDN Plus Cable				
			Northern Telecom - Modular Cords Plus				
			Northern Telecom - BIX DVO Plus				
			AMP/EIA Category 5 Wiring System				
EXAMINER m			DATE CONSIDERED 3-14-95				

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Information Disclosure Statement by Applicant				APPLICANT JOHN SIEMON ET AL			
(Use several sheets if necessary)				FILING DATE 5/13/94	GROUP 3202		
RECEIVED JUN 15 1995 U.S. PATENT AND TRADEMARK OFFICE							
LESSER PRIORITY DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W		4,878,847	11/89	Rutledge			
		4,878,848	11/7/89	Ingalsbe			
		4,912,552	3/27/90	Allison, III et al.			
		4,930,200	6/5/90	Brush, Jr. et al			
		4,931,754	6/5/90	Moussie			
		4,932,892	6/12/90	Hatch			
		4,939,624	7/3/90	August et al			
		4,953,206	8/28/90	Friesen et al			
		4,975,078	12/4/90	Stroede et al			
		5,045,968	9/10/91	Baur et al			
W		5,061,209	10/29/91	Bolick, Jr. et al			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc. **)							
W		AT & T Network Sys., 1100 Modular Jack Panel - 1991					
		ORTRONICS, A Striking Breakthrough In Category 5 Modular Patching!					
		PANDUIT, Pan-Net Category 5 Network Wiring System					
		SUPERIOR MODULAR PRODUCTS, INC., 100 Megabit Station Outlets					
W		FULLY CATEGORY 5 COMPLAINT, The Future is Now: Mod-Tap High Performance - Jan. 1993					
EXAMINER <i>M. Abrams</i>			DATE CONSIDERED <i>3-14-95</i>				
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		FILING DATE 5/13/94		GROUP 3202			
MAIL ROOM JAN 13 1995 PTO-6 TRADEMARKS PATENT DOCUMENTS							
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MA	5,069,641	12/3/91	Sakamoto et al				
	5,074,801	12/24/91	Siemon				
	5,082,457	1/21/92	Wallscheidt et al				
	5,088,939	2/18/92	Shepherd				
	5,091,826	2/92	Arnett et al				
	5,093,879	3/3/92	Bregman et al				
	5,139,442	8/18/92	Sakamoto et al				
	5,145,401	9/8/82	Archer				
	5,145,413	9/8/92	Okamoto et al				
	5,149,277	9/22/92	LeMaster				
MA	5,153,988	10/13/92	Mattis et al				
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
	DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE		CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc. **)							
MA		Porta Systems Corp., If there were a category 6, The Effects of Multiple Connectors - February 1993					
		KRONE Literature, Solutions for Every Application					
		NORTHERN TELECOM, BIX IDC Distribution Connector, 25-pair QCBIX1A Type - July 1992					
		NORTHERN TELECOM, BIX Path Panel Wall Mount Cross-Connect System -July 1992					
		NORTHERN TELECOM, BIX DVO Data/Voice Outlet QNE 3 Type; July 1992					
		NORTHERN TELECOM, BIX Modular Path Panel Rack Mount, QPBIX Type, July 1992					
EXAMINER MA	m. Abrams		DATE CONSIDERED 3-14-95				
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Information Disclosure Statement by Applicant <i>(Use several sheets if necessary)</i> (37 cfr 1.98(b))		 JOHN SIEMON ET AL	
		FILING DATE 5/13/94	GROUP 3202

U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

OTHER DOCUMENTS' (Including Author, Title, Date, Pertinent Pages, Etc. **)

10A "Principles of Electricity Applied to Telephone and Telegraph Work" (Long Lines Department, American Telephone and Telegraph Company, 1961) p. 334 - 344 cited in later PRO 1449

EXAMINER	<u>n. Abrams</u>	DATE CONSIDERED	<u>3-14-95</u>
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10. *What is the best way to prevent the spread of COVID-19?*

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(Use several sheets if necessary)				APPLICANT	
(37 CFR 1.98(b))				JOHN SIEMON ET AL	
				FILING DATE	GROUP
				MAY 13, 1994	3202

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W		3,701,838	10/31/72	Olney, Jr.			
		3,744,009	7/3/73	Teagno et al			
		3,891,815	6/24/75	Hiele			
		4,027,937	6/7/77	Norden			
		4,049,227	9/20/77	Georgopoulos			
		4,053,719	10/11/77	Debortoli et al			
		4,144,509	3/13/79	Boutros			
		4,241,974	12/30/80	Hardesty			
		4,367,908	1/11/83	Johnston			
		4,413,469	11/8/83	Paquin			
W		4,489,419	12/18/84	Wang			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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							YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc. **)

EXAMINER

N. Abrams

DATE CONSIDERED

3-14-95

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		Information Disclosure Statement by Applicant (37 cfr 1.98(b))		92-1330D	08/242,113	
		(Use several sheets if necessary.)		APPLICANT		
				JOHN SIEMON ET AL		
				FILING DATE	GROUP	
				MAY 13, 1994	3202	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MA	333,656	3/2/93	Bluemel et al			
	969,409	9/6/10	Russell			
	1,278,339	9/10/18	Hastings et al			
	2,244,937	11/27/39	Brainard			
	3,343,041	4/8/66	Pistey et al			
	3,496,555	8/27/65	Jones et al			
	3,579,046	5/18/71	Edwards			
	3,591,834	7/6/71	Kollas			
	3,634,806	1/11/72	Ferguson			
	3,641,472	9/14/70	Phillips, Jr.			
MA	3,662,117	5/9/72	Bhatt et al			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MA		WO 92/04798	3/19/92	PCT				

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Information Disclosure Statement by Applicant		APPLICANT JOHN SIEMON ET AL		
(Use several sheets if necessary) (37 cfr 1.98(b))		FILING DATE MAY 13, 1994		
		GROUP 3202		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	179,996	4/2/57	Wells et al			
	179,997	4/2/57	Wells et al			
	212,330	10/1/68	Teagno et al			
	233,729	11/26/74	De Forrest			
	240,631	7/20/76	Lang et al			
	248,096	6/6/78	Stupay			
	269,426	7/21/83	Pyle			
	276,605	12/4/84	Neuwirth			
	298,826	12/6/88	Nakajo et al			
	300,739	4/18/89	Kikuta			
W	306,716	3/20/90	Shimirak			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
		678,914	6/29/39	Germany			
		279-405-A	2/88	Europe			
		0 567 016 A2	10/93	Europe			
		1 432 793	4/22/76	UK			
		DE 3605-063-C	10/87	Germany			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc. **)

		U.S. Army Document - 1956
		Post Master General Department - Australia 1950 Long-Line Equipment
		UK - Line & customer Apparatus 1
		Post Master General Department - Australia 1951 Long-Line Equipment
		Siemens Publication from UK
		Ortronics 1993 - 1994 Product Guide Issue

EXAMINER n. abrams DATE CONSIDERED 3-14-95

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MM		4,600,256	7/15/86	Anttila			
		4,669,802	6/2/87	Schaffer			
		4,689,441	8/25/87	Dick et al			
		4,701,135	10/20/87	Volk et al			
		4,714,440	12/22/87	Hutchins			
		4,747,020	5/24/88	Brickley et al			
		4,756,695	7/12/88	Lane et al			
		4,799,901	1/24/89	Pirc			
		4,813,071	3/14/89	De Luca			
		4,831,497	5/16/89	Webster et al			
MM		4,850,887	7/25/89	Sugawara			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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							YES NO

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EXAMINER

M. Cebrians

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				FILING DATE MAY 13, 1994	GROUP 3202

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WA	4,874,904	10/17/89	DeSanti			
	4,883,432	11/28/89	Reed			
	4,905,275	2/27/90	Meyerhoefer et al			
	4,909,757	3/20/90	Reed			
	4,912,452	3/27/90	Koleyni			
	4,929,196	5/29/90	Ponn et al			
	4,950,840	8/21/90	Zetena			
	4,958,262	9/18/90	Wilkie, Jr.			
	4,992,061	2/12/91	Brush, Jr. et al			
	5,029,270	7/2/91	Shiraishi et al			
WA	5,032,991	7/16/91	Davidson et al			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WA		5,039,824	8/13/91	Takashima et al			
		5,041,018	8/20/91	Arnett			
		5,068,631	11/26/91	Vince			
		5,086,271	2/4/92	Haill et al			
		5,125,852	6/30/92	Archer			
		5,205,762	4/27/93	Carney			
		5,244,417	9/14/93	Perretta et al			
WA		5,310,363	5/10/94	Brownell et al			

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U.S. PATENT DOCUMENTS

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WA		5,299,956	4/5/94	BROWNELL ET AL			
		4,641,900	2/10/87	JAPNGIE			
		3,761,842	9/25/73	GANDRUD			
		4,418,239	11/29/83	LARSON ET AL			
		3,757,028	9/4/73	SCHLESSEL			
		2,667,543	4/9/51	SMITH ET AL			
		5,269,708	12/14/93	DEYOUNG ET AL			
		1,995,454	10/12/33	HUNTER			
		1,799,188	4/7/31	WEAVER			
		1,922,138	12/17/31	NYQUIST			
WA		1,627,206	6/26/26	SETZEPFAND			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
WA		2089122	6/82	UNITED KINGDOM			
		2-268484	11/90	JAPAN			
		2-91957	3/90	JAPAN			
		2233157A	1/91	UNITED KINGDOM			
WA		B1965C/06	1/80	GERMANY			

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Information Disclosure Statement by Applicant <i>(Use several sheets if necessary)</i>		APPLICANT JOHN SIEMON ET AL	
(37 CFR 1.98(b))		FILING DATE 5/13/94	GROUP 3202

U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE*	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AB	0292830A	1/29/82	UK				
WA	0134899	5/85	Europe				
WF	1432793	4/76	UK				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc. **)

<i>10</i>		<p>IBM Technical Disclosure Bulletin, Vol. 18 No. 3 August 1975, p. 762</p>
		<p>Prediction of Crosstalk Involving Twisted Pairs of Wires - Part 1 A Transmission-Line Model for Twisted-Wire Pairs, 1979 IEEE</p>
		<p>Prediction of Crosstalk Involving Twisted Pairs of Wires- Part II: A Simplified Low-Frequency Prediction Model</p>
		<p>IEEE 1990 International Symposium on Electromagnetic Compatibility Symposium Record</p>
<i>11</i>		<p>IBM Technical Disclosure Bulletin, Vol. 18, No. 5 October 1975, Page 1430</p>

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